



# Water disinfection

# ND Water 4000 HHC

## Areas for use:

- Drinking water quality for humans and animals
- Special designed for keeping water of drinking quality free from harmful organisms

To be used at:	
Decentralized unit, for:	Water tanks in:
<ul style="list-style-type: none"><li>• Factories production line water supply</li></ul>	<ul style="list-style-type: none"><li>• Ships</li></ul>
<ul style="list-style-type: none"><li>• Laboratory water supply</li></ul>	<ul style="list-style-type: none"><li>• Trains</li></ul>
<ul style="list-style-type: none"><li>• Food production water supply</li></ul>	<ul style="list-style-type: none"><li>• Animal transportation</li></ul>
<ul style="list-style-type: none"><li>• Breweries water supply</li></ul>	<ul style="list-style-type: none"><li>• Any mobile water tank</li></ul>
Household's taps	Water trough

## Available for 230 V or 110 V on request.

At transmission of 90% per cm<sup>2</sup> this unit will disinfect 4000 l water/h 99,99% at a dose of 400 J/m<sup>2</sup>.

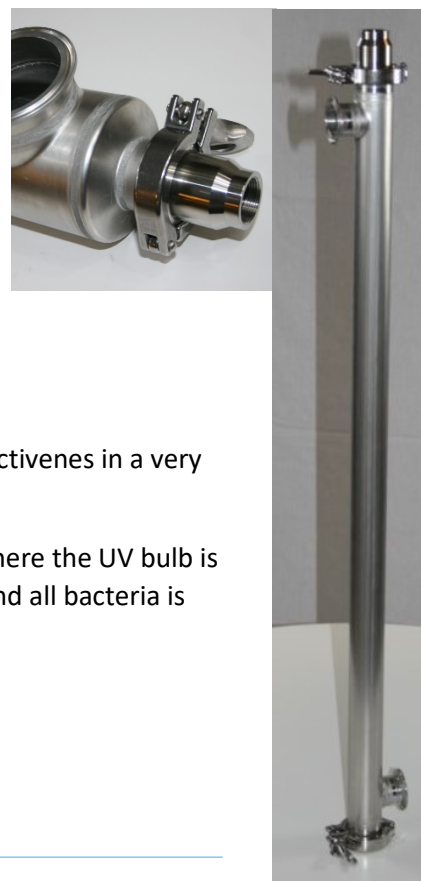
## Unit description:

The unit is made in stainless steel 316 with an inner tube made of quartz glass, where the bulb is mounted into. This allows for replacement of bulb without turning of the water, during bulb change. All maintenance is done without tools. The unit has a high effectiveness in a very compact design, and with a low consumption of electricity.

The water runs through the lamp house and passes the quartz tube, where the UV bulb is placed. When the water passes the bulb, the disinfection takes place and all bacteria is inactivated and the water is safe.

Connection with clamps and with a high level of hygienic design.

The units are designed to be mounted horizontal or vertical.



## The UV-Lamps:

The UV-lamps are known for long durability, high grade of disinfection and low energy consumption.

The configuration of the unit allows for easy access to changing of the bulb and other maintenance. The lamps are designed for a lifetime of 10.000 hours

**Technical data:**

Type & model	ND Water 4000 HHC clamp connection		
Flow	4 m <sup>3</sup> /t Drinking water		
UVC-Transmission	90% T <sub>1</sub> cm	Life span on bulb	10.000 h
Water temperature	8°C to 40°C	Dosage	400 J/m <sup>2</sup>
Housing	Stainless steel 316	Maximum temperature	40°C
Male thread size	R 1"	Working pressure	10 bar
Protection	FPM	Type of housing	IP 65/67
Measurement (L x ø i mm)	928 x 42	Electric connection	230 V/50 Hz
Flange distance	850 mm	Effect & fuse	90 W & 10 A
Weight	3,5 kg		

